



Exhibit A



**SIGMA-ALDRICH**



**SIGMA-ALDRICH**

Areas of Interest: Fine Chemicals, Oligos, Diagnostics

**SIGMA-ALDRICH**

Legal  
Regulatory  
Toxicology  
Pharmaceutical  
Research  
Education  
Environmental  
Food & Beverage  
Industrial  
Consumer Products  
Agriculture  
Marine  
Biotechnology  
Healthcare  
Pharmaceutical  
Research  
Education  
Environmental  
Food & Beverage  
Industrial  
Consumer Products  
Agriculture  
Marine  
Biotechnology  
Healthcare

Register or Login  
for Pricing

Click Here

**Product Number: V3003**

**Product Name: Anti-VEGF Receptor-2 (KDR)**

**Form/Aspect:** Ascites fluid

**Comments:** Source: Mouse IgG1: Monoclonal, Clone no. KDR-2

**Immunogen:** Recombinant human extracellular VEGF receptor-2 (KDR).

**Species reactivity:** human

**Application(s):** Indirect ELISA

**Immunohistochemistry (frozen sections):** 1:500 by Immunoblotting (colorimetric) using insect cell culture supernatant expressing human extracellular recombinant VEGF R

**The KDR receptor (VEGFR-2):** a defining marker of hematopoietic stem cells (HSCs) that distinguishes pluripotent HSCs from lineage-committed progenitor HSCs.<sup>1</sup>

**The antibody reacts specifically with human VEGF receptor-2.** This clone has also been termed 260.4.<sup>1</sup> It does not recognize Flt1 (VEGFR-1), Flt4 (VEGFR-3) or platelet-derived growth factor receptor (PDGFR).

**Stabilizer/extender:** 15 mM sodium azide.

**Storage Temp:** Store below -20°C. Shipped in dry ice.

**Literature References:** 1. Ziegler, B.L., et al., KDR Receptor: A key marker defining hematopoietic stem cells. Science, 285, 1553-1558 (1999).